ROBERT E. BUSHNELL*† JOSEPH G. SEEBER° MATTHEW J. LESTINA ! * RYADVINDER S. SAHOTA±* 🕇 JONG H. PARK‡ FRANK J. DYNDA*' OF COUNSEL RICHARD H. STERN° HENRY M. ZYKORIE MICHAEL D. PARKER (REG. PATENT AGENT) † ADMITTED IN MARYLAND ADMITTED IN VIRGINIA † ADMITTED IN NEW YORK ADMITTED IN CONNECTICUT * ADMITTED IN NEW JERSEY • NOT ADMITTED IN D.C.

R. E. BUSHNELL

ATTORNEY AT LAW

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19 April 2004

INTELLECTUAL PROPERTY LAW

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U.S. Postal Service Via Local Courier Via International Courier	U.S. PTO 26320	904
Via Facsimile No.	37 3/8	2
Via E-Mail Attachment	238 1(
Please Acknowledge Rec	eipt	

Attorney Docket: P57051

Mail Stop Patent Application

Commissioner for Patents

P.O.Box 1450

¹ Alexandria, VA 22313-1450

Sir:

Submitted herewith is the following patent application:

Inventor:

JUN-HYUK LEE

Title:

PERFORMING TERMINAL AUTHENTICATION AND CALL PROCESSING IN PRIVATE WIRELESS HIGH-SPEED DATA

SYSTEM

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: **NO**

Drawings: Formal drawings, 4 sheets, Figures 1 through 4

Claim of priority under 35 U.S.C. §119:

** The Republic Of Korea Application No. 2003-27343 filed 29 April 2003

FEE (see formula below): CHECKS ENCLOSED (## 45523, 45524)

Basic Fee \$385/770	\$ <u>770.00</u>	
Additional Fees:		
Total number of claims in excess of 20: times \$9/18.	\$ <u>0.00</u>	
Number of independent claims in excess of 3: 2 times \$43/86	\$ <u>172.00</u>	
Multiple Dependent Claims \$145/290	\$ <u>0.00</u>	
An Assignment is likewise enclosed: Recording Fee \$40	\$ <u>40.00</u>	
Filing Non-English specification	\$ <u>0.00</u>	
TOTAL FEES FOR THE ABOVE APPLICATION	\$982.00	

Commissioner for Patents 19 April 2004 Page Two

Docket No.: <u>P57051</u>

Inventor: JUN-HYUK LEE

<u>Title:</u> PERFORMING TERMINAL AUTHENTICATION AND CALL

PROCESSING IN PRIVATE WIRELESS HIGH-SPEED DATA

SYSTEM

The Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the issue fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell 1522 K Street, N.W. Suite 300 Washington, D.C. 20005-1202

Respectfully submitted,

Robert E. Bushnell

(Registration No. 27,774)

Payor No.: 008-439

Attorney for the Applicant

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REB/kf

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-	Complete If Known							
	Application Number			er		to be assigned		
Patent fees are subject to annual revision.	Filing Date					19 April 2004		
	First Named Inventor			ntor		Jun-Hyuk LEE		
	Examiner Name				to be assigned			
	Group/Art Unit					to be assigned		
TOTAL AMOUNT OF PAYMENT (\$) 982.00	Attorney Docket No.			No.	_	P57051		
METHOD OF PAYMENT (check one)	<u> </u>	FEE CALCULATION (continued)				Ġ		
The Commissioner is hereby authorized to charge any deficiency and credit any over payments to:	3.	ADDITIO	NAL F					
Deposit Account Number: 02-4943	Large	Entity	Small	Entity				
Deposit Account Number:	Fee	Fee	Fee	Fee	Fee D	escription	Fee Paid	
Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and	Code 1051	(\$) 130	Code 2051	(\$) 65	Surcharge-late filing fee	or oath	\$	
Applicant claims small entity status. See 37 CFR 1.27	1052	50	2052	25	Surcharge-late provision	nal filing fee or cover sheet	\$	
	1053	130	1053	130	Non-English specification		\$	
2. Payment Enclosed:	1812	2,520	1812	2,520	For fling a request for re	eexamination	\$	
(CHECKs #45523, #45524) ■ Check □ Credit Card □ Money Order □ Other	1804	920*	1804	920*		of SIR prior to Examiner		
FEE CALCULATION	1805	1,840 *	1805	1,840*	action Requesting publication	of SIR after Examiner action	\$ \$	
1. BASIC FILING FEE	1251	110	2251	55	Extension for reply with		\$	
arge Entity Small Entity		420	2252	210	Extension for reply with		\$	
Fee Fee Fee	1253	950	2253	475	Extension for reply with		\$	
Code (\$) Code (\$) Fee Description Fee Paid	1254	1,480	2254	740	Extension for reply with	in fourth month	\$	
1001 770 2001 385 Utility filing fee \$770.00	1255	2,010	2255	1,005	Extension for reply with	in fifth month	\$	
1002 340 2002 170 Design filing fee \$	1401	330	2401	165	Notice of Appeal		\$	
1003 530 2003 265 Plant filing fee \$	1402	330	2402	165	Filing a brief in support	ing a brief in support of an appeal \$		
1004 770 2004 385 Reissue filing fee \$	1403	290	2403	145	Request for oral hearing		\$	
1005 160 2005 80 Provisional filing fee \$	1451	1,510	1451	1,510	Petition to institute a pu	· -	\$	
(*) (*)		110	2452	55	Petition to revive - unav		\$	
2. EXTRA CLAIM FEES	1453	1,330	2453	665	Petition to revive - unint		\$	
Extra Fee from Fee Claims below Paid	1501	1,330 480	2501 2502	665 240	Utility issue fee (or reiss	sue)	\$	
Total claims 20 -20** = x 18.00 = .00	1503	640	2502	320	Design issue fee Plant issue fee		\$	
Independent 5 -3^{**} = 2 x 86.00 = 172.00	1460	130	1460	130	Petitions to the Commis	ssioner	s	
Claims		50	1807	50		ocessing fee for provisional applications \$		
Multiple Dependent =	1806	180	1806	180	= -	on Disclosure Statement	\$	
** or number previously paid, if greater; For Reissues, see below Large Entity Small Entity	8021	40	8021	40	Recording each patent (Times number of proper	assignment per property erties)	\$40.00	
Fee Fee Fee Fee Description Code (\$)	1809	770	2809	385	Filing a submission afte (37 C.F.R. §1.129(a))	r final rejection	\$	
1201 86 2201 43 Independent claims in excess of 3 1202 18 2202 9 Claims in excess of 20	1810	770	2810	385	For each additional inve (37 C.F.R. §1.129(b))	ention to be examined	\$	
1203 290 2203 145 Multiple dependent claim, if not paid	1801	770	2801	385	Request for Continued	Examination (RCE)	\$	
1204 86 2204 43 ** Reissue independent claims over original patent		Fee (spe		000	roquos roi osminus i		\$	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		Fee (spe					\$	
** Reduced by Basic Filing Fee Paid SUBTOTAL (2) (\$)172.00 ** Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$40.00								
SUBMITTED BY Complete (if applicable)								
Typed or Printed						applicable)		
Name Robert E. Bushn		nell, Esq.			Reg. Number	27,774		
Signature Date 19 April 2004 Deposit Account								
REB/kf WARNING: Information on this form may become public. Credit card information should not								

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JUN-HYUK LEE

Serial No.:

to be assigned

Examiner:

to be assigned

Filed:

19 April 2004

Art Unit:

to be assigned

For:

PERFORMING TERMINAL AUTHENTICATION AND CALL PROCESSING

IN PRIVATE WIRELESS HIGH-SPEED DATA SYSTEM

TRANSMITTAL OF PROPRIETARY MATERIAL UNDER MPEP §724

Mail Stop Patent Application

Commissioner for Patents P.O.Box 1450 Alexandria, VA 22313-1450

Sir:

This transmittal accompanies the following two U.S. patent applications, which are concurrently submitted with the present application, as "PROPRIETARY MATERIAL NOT OPEN TO PUBLIC. TO BE OPENED ONLY BY EXAMINER OR OTHER AUTHORIZED U.S. PATENT AND TRADEMARK OFFICE EMPLOYEE" for consideration under MPEP §724.

#1 (Attorney's Docket No. P57053)

In re Application of: Jun-Hyuk LEE

Application No.: to be assigned (Applicant's Docket No. P57053)

Field: 19 April 2004

For: PRIVATE WIRELESS HIGH-SPEED DATA SYSTEM AND DATA SERVICE

METHOD

TC Art Unit: to be assigned Examiner: to be assigned

#2 (Attorney's Docket No. P57054)

In re Application of: Sung-Hoon KIM et al.

Application No.: to be assigned (Applicant's Docket No. P57054)

Field: 19 April 2004

For: PRIVATE EV-DO SYSTEM SHARING PUBLIC NETWORK DATA LOCATION

REGISTER AND DATA SERVICE METHOD

TC Art Unit: to be assigned Examiner: to be assigned

The materials in the accompanying envelope are considered proprietary, and are being submitted for consideration under MPEP § 724.

It is respectfully requested that the above-listed Applications be maintained confidential pursuant to 37 U.S.C. §122. No waiver of the statutory right of secrecy is granted or implied by the disclosures of the above-listed Applications in the accompanying Information Disclosure Statement.

Respectfully submitted,

Robert E. Bushnell

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Area Code: 202-408-9040

Folio: P57051

Date: 19 April 2004

I.D.: REB/kf